



PTO/SB/08B (10-01)

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known			
		Application Number	09/896,479		
		Filing Date	June 29, 2001		
		First Named Inventor	Tsuguo Maru		
		Group Art Unit	Not Yet Assigned		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	A2617.0021/P021

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
jam	BA	JP 2003-501859 ✓	01/14/2003			

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
jam	CA ✓	Copy of article by Berrou et al., "Near Shannon Limit Error - Correcting Coding and Decoding: Turbo-Codes (1), Ecole Nationale Supérieure des Telecommunications de Bretagne, France (1993)	
jam	CB ✓	Copy of article by Bahl et al., "Optimal Decoding of Linear Codes for Minimizing Symbol Error Rate", International Symposium on Information Theory, Asilomar, California, U.S.A. (1973)	
jam	CC ✓	Copy of Japanese Office Action dated June 11, 2003 (and English translation of relevant portion)	

Examiner Signature	James M. Mel	Date Considered	10/5/04
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		Application Number	09/896,479		
		Filing Date	June 29, 2001		
		First Named Inventor	Tsuguo Maru		
		Group Art Unit	Not Yet Assigned		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	A2617.0021/P021

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		Number-Kind Code ² (if known)			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ -Number ⁴ -Kind Code ⁵ (if known)				
JOM	BA	WO 00/74247 A1	12/07/2000			

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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JOM	CA	Robertson et al., "A Comparison of Optimal and Sub-Optimal MAP Decoding Algorithms Operating in the Log Domain", Institute for Communications Technology, German Aerospace Research Establishment, Oberpfaffenhofen, Germany, Vol. 2, pgs. 1009-1013 (1995)	

Examiner Signature	Jarol Meek	Date Considered	10/5/07
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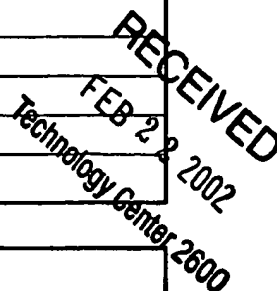
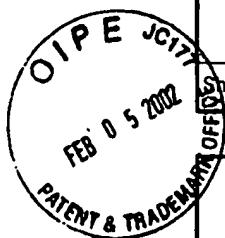
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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/896,479
				Filing Date	October 25, 2001
				First Named Inventor	Tsuguo Maru
				Group Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	A2617.0021/P021



U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
JOM	A	GB	2 354 818 A		Nippon Electric	04/04/2001		
JOM	B	EP	1 017 178 A		Sony Corp	07/05/2000		
JOM	C	EP	1 054 523 A		Mitsubishi Electric Corp.	11/22/2000		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JOM	D	Communication, European Search Report, 01305811.0-2206-, 12/21/2001	

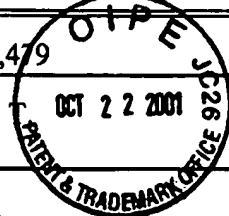
Examiner Signature	<i>Jasot Meek</i>	Date Considered	10/5/04
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APPLICANT'S ART CITATION (Use several sheets if necessary)		Application 09/896,479				OFGS File No. P/2617-21			
		Applicant MARU, T							
		Filing Date 6/29/01				Group Art Unit			



U.S. PATENT DOCUMENTS												
Examiner Initials	Document Number							Date	Name	Class	Sub-class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS													
	Document Number							Date	Country	Class	Sub-class	Translation	
												Yes	No
Jom	6-	1	3	2	9	3	6	5/1994	JAPAN (see spec.)				X
Jom	9-	2	6	1	2	0	3	10/1997	JAPAN (see spec.)				X
Jom	2	8	7	7	2	4	8	1/1999	JAPAN (see spec.)				X
Jom	6-	2	6	1	0	2	1	9/1994	JAPAN (see spec.)				X
Jom	2000-	4	1	9	6			1/2000	JAPAN (see spec.)				X
Jom	2001-	2	4	5	2	1		1/2001	JAPAN (see spec.)				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												

Examiner <i>Jacob Meek</i>	Date Considered <i>10/5/04</i>
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